

## Electronic Acknowledgement Receipt

|   |                                      |
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| <b>EFS ID:</b>                              | 6586053                              |
| <b>Application Number:</b>                  | 10507475                             |
| <b>International Application Number:</b>    |                                      |
| <b>Confirmation Number:</b>                 | 1274                                 |
| <b>Title of Invention:</b>                  | Phase-Change Memory Device           |
| <b>First Named Inventor/Applicant Name:</b> | Haruki Toda                          |
| <b>Customer Number:</b>                     | 22850                                |
| <b>Filer:</b>                               | Marvin Jay Spivak/Igmar Sorto        |
| <b>Filer Authorized By:</b>                 | Marvin Jay Spivak                    |
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| <b>Receipt Date:</b>                        | 07-DEC-2009                          |
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| <b>Application Type:</b>                    | U.S. National Stage under 35 USC 371 |

### Payment information:

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| Submitted with Payment | no |
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### File Listing:

| Document Number | Document Description | File Name        | File Size(Bytes)/<br>Message Digest                  | Multi Part /.zip | Pages (if appl.) |
|-----------------|----------------------|------------------|--|------------------|------------------|
| 1               |                      | 310067USIDS1.pdf | 11753475<br>4eca3d36c16d3e19bb44bc65bea5e4c9cab4278b | yes              | 261              |

|  | Multipart Description/PDF files in .zip description  |       |     |
|--|--|-------|-----|
|  | Document Description                                 | Start | End |
|  | Transmittal Letter                                   | 1     | 1   |
|  | Information Disclosure Statement (IDS) Filed (SB/08) | 2     | 2   |
|  | NPL Documents  | 3     | 9   |
|  | Foreign Reference                                    | 10    | 29  |
|  | Foreign Reference                                    | 30    | 44  |
|  | Foreign Reference                                    | 45    | 78  |
|  | Foreign Reference                                    | 79    | 157 |
|  | Foreign Reference                                    | 158   | 210 |
|  | Foreign Reference                                    | 211   | 261 |

**Warnings:**

**Information:**

|                                     |          |
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| <b>Total Files Size (in bytes):</b> | 11753475 |
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**New Applications Under 35 U.S.C. 111**

**If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.**

**National Stage of an International Application under 35 U.S.C. 371**

**If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.**

**New International Application Filed with the USPTO as a Receiving Office**

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